

JAN 4 1985

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William E. Stiles
Farmland Industries, Inc.
3315 N. Oak Trafficway
Kansas City, MO 64116

Dear Mr. Stiles:

Subject: Amendment - Resubmission Added Use on Swine
Chemistry Data
CO-OP ROL Mineral
EPA Registration No. 1990-386
Your Application Dated September 13, 1984

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Update pesticide disposal text to read "Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility."
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.
4. Provide the bulk density (lbs./cu.ft.) as indicated in the Confidential Statement of Formula.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

CONCURRENCES

SYMBOL							
SURNAME	T. Parsley						
DATE	1/11/85						

1 x 1 1/2 # 100-300 1/16

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A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager 15
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

RD/IRB:JOB:50432:LaRocca:RD-44:sah:Kendrick:898-1270:1/9/85:Del.1/17/85



R.O.L. Mineral

(Contains RABON® Oral Larvicide)

To prevent the development of Horn Flies, Face Flies, House Flies, and Stable Flies in the manure of treated cattle and House Flies in the manure of treated swine.

ACTIVE INGREDIENT	By Weight
2-Chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphate	1.00%*
INERT INGREDIENTS	99.00%**

*Each pound contains 4.54g. RABON.
**Refers only to ingredients which are not larvicidal.
RABON is a registered trademark of Shell Oil Company.

GUARANTEED ANALYSIS

Calcium (Ca), not more than	13.0%
Calcium (Ca), not less than	11.0%
Phosphorus (P), not less than	12.0%
Salt (NaCl), not more than	13.0%
Salt (NaCl), not less than	11.0%
Iodine (I), not less than	0.0005%
Vitamin A, USP Units Per Pound, Min.	100,000

FEED INGREDIENTS

Dicalcium Phosphate, Monocalcium Phosphate, Ground Limestone, Salt, Processed Grain By-Products, Cane Molasses, Animal Fat, Vitamin A Supplement (Stability Improved), D-Activated Animal Sterol (Source of Vitamin D₃), Vitamin E Supplement, Magnesium Oxide, Potassium Chloride, Calcium Sulfate, Manganous Oxide, Iron Carbonate, Iron Oxide, Zinc Oxide, Copper Oxide, Cobalt Carbonate, Potassium Iodide.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

Keep out of reach of children. Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating or smoking. If in eyes, wash with plenty of water. If irritation persists, see a physician.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

EPA Reg. No. 01990-386
EPA Est. No. 01990-KS-01

NET WEIGHT 50 LBS.

Read entire label for use directions and other precautionary statements.

**MANUFACTURED BY
FARMLAND INDUSTRIES, INC.
GENERAL OFFICES: KANSAS CITY, MO. 64116**

81-7196 (Series 38KS)

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

JAN 4 1984

Under the Federal Insecticide,
Fungicide and Rodenticide Act
for the pesticide
under EPA Reg. No.

1490-3860

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DIRECTIONS FOR USE GENERAL CLASSIFICATION

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

SWINE: All swine should be treated
Mix 10.0 pounds of CO-OP R.O.L. Mineral per ton of meal type feed and offer free choice to hogs (weaners to market weight) This is equivalent to 22.7 milligrams of Rabon per pound of feed
For sows, boars and breeding gilts, mix 20.0 pounds of this product per ton of meal type feed and offer 4 to 6 pounds of feed per animal per day. This is equivalent to 45.4 milligrams of Rabon per pound of feed

CATTLE (For Mixing in Feed)
Feed CO-OP R.O.L. Mineral at the rate of one ounce per 425 pounds of body weight per head per day to beef and dairy animals by mixing it into the ground grain or complete daily ration. OR

CATTLE (For Self-feeding)
Allow free choice to cattle. Cattle should consume an average of 1/2 lb. of this product per 100 pounds of body weight per month. This will supply the recommended average daily intake of 70 mg. of Rabon per hundred pounds body weight. Animals should not be starved for minerals before initiation of this product but OMIT all salt from other feed after the program is started. Do not feed other free-choice sources of salt or mineral containing salt in any form. Do not feed Rabon in other feeds when using this self-feeding (free-choice) method. Allow one mineral feeder for each 10-15 head, and place near watering and loafing areas. Put out no more than one month's supply at a time, and protect from rain.

If consumption of CO-OP R.O.L. Mineral is above 1/2 lb. per 100 lbs. of body weight per month, reduce the number of feeding locations or relocate. If consumption is below 1/2 lb. per 100 lbs. of body weight per month, increase the number of feeding locations.

This product containing Rabon may be fed up to slaughter and to lactating dairy cows. Start feeding this product early in the spring before flies begin to appear and continue feeding throughout the summer into the fall until cold weather restricts fly activity.

This product prevents the development of horn flies, face flies, house flies and stable flies in the manure of treated cattle and house flies in the manure of treated swine, but is not effective against existing adult flies. When starting a feeding program during the fly season, it is desirable to use other control measures to reduce the population of existing adult flies.

In some cases, supplemental fly control measures may be needed in and around feed lots and buildings to control adult house flies and stable flies which can breed not only in manure but in other decaying vegetable matter or silage on the premises.

In order to achieve optimum fly control, this product should be used in conjunction with other good management and sanitation practices.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a dry place

PESTICIDE DISPOSAL: Pesticide that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom, to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.